may be said to have become one of

been arrived at by means of electric

sparks thus made to succeed one another rapidly in a vacuum. And along

these lines has it become a possibility

to conduct light through tubes, with results destined to effect the revolution

ful light!" exclaimed Nicola Tesla.

How few of us realize the importance

of the cost of light on the lives of

A FUTURE STAIRCASE EFFECT.

people to-day. It is not too much to

sny that when the coming changes are

inaugurated our whole municipal life

will be transformed. Light will be

and beauty has seemed insuperable.

"And how soon may we look for all

Mr. Tesla conceded that existing

electric light features are too unpleas-

authy evident. In the coming condition

less some special effect were sought.

would stream from the capitals of its

arranged to shed itself from the ceiling

tions herewith will give an idea of the

effects Mr. Tesla had in mind. Separate

"The transformation in street

lights, such as we have now, will be

illumination will be very marked," he declared. "The unsightly pole will no

longer be seen. Light may stream

from a statue or from a fountain in

great waves. Its source will be hidden.

Its very quality will be changed. The

glare now so ungrateful to many eyes

will give way to a smypathetic glow."

that the popular mind and taste were

not sufficiently educated on the subject

of electric lighting.

The young electrician was of opinion

"The most wretched make-shifts are

tolerated," he said, "because the public

have not as yet been accustomed to the

best results. There was at one time,

indeed, a prejudice against electricity

itself as a means of lighting, owing to

its depressing effect on some people.

marked that the light is preferred to

gas. In the same way the improve-

ments to come will be so great that the

unsightliness of present methods will

be deemed unendarable. It is hardly

too much to say that the beautifying of

cities will never be adequately under-

taken until the cleetric light has been

improved, or rather, rendered generally

play look for decided alterations in the

A striking improvement, moreover,

will have not lights, but light, as Mr.

Moore so graphically puts it. Phos-

The elimination of claborate fixtures

delabra which have been introduced

jestic than the interior effects which

will become possible by the introduc-

no brackets, no candelabra, can break

the sweep of pillar or nave. There will

be greater cleanliness as well as beauty

and an immense saving of time and

in the matter of cost, the reform will

effect a saving as well. Many electric-

ians feel convinced that the commer

cial adoption of the innovation cannot longer be postponed. The men at work

in improving the method, as far as this

is concerned, are expected to demon-

strate the validity of their theories

much sooner than they care to acknowl-

edge from modest deprecation of their

own acuteness. And when the change

The internal temperature of trees has

ring of Uccie, in Relgium, who finds

heir mean annual temperature at the

heart of the trunk the same as that of

air, but the mean monthly temperature

latter by two or three degrees centi-

grade. On certain days the difference

grees centigrade. In very cold weather

the internal temperature falls to a few

tenths of a degree below the freezing

point and then remains stationary

a question may be as much as ten de-

been opserved for some time past by M.

trouble, not to speak of expense.

dling.

available in its new form.

cities.

the improvements are

come largely things of the past.

or the dome cornices. The illustra-

Or it could as easily be

of things they will be eliminated so

now on the eve of accomplishment. "Then we will, indeed, have beauti-

HER FAVORITE ROLE

Coming Movements of the First Lady of the Land.

Stevenson's Oulet Boom-Flower Versus Hill-A Gould Library for New York City-The Non-Existence of Croker's Wealth.



the result, aprepeated invita-

brate will journey across the water fluring this administration.

Instead of a foreign tour Mrs. Cleveland proposes to spend all the warm tays before us in earing for her children. The lady's devotion in this respectris more marked just now than it for her little ones to be performed by the nurses. Nor is she as timorous as one might expect to find a lady of such explied station, for she ventures | sip. out with the babies in their little carringe on the cooler days without any escort to speak of. She has become such a familiar figure in her familiar haunts that no one pays particular at-tention to her. Mrs. Cleveland comes to New York very seldom now, although, unlike her husband, she is fond of the metropolis to a degree, and it will be and splendor. the home of the Clevelands when the present term of the president is over. It is an open secret among the members of the president's official family that Mr. Cleveland will not become a candi-

This is thought to be partly due to the painfully evident fact at times that | part of the new Mrs. Geveland finds her life as first social and metropolitan distinclady of the land anything but congenial. Indeed the evidences of this state of affairs have been unusually direct of late. Her New York friends report that she is not giways in as succeeded in doing. The social camcheerful a mood as characterized her paign in Europe now being prosecuted so vigorously is part of the plan of acin the old New York days.

Stevenson's Summer.

The vice president of the United States is at present the only politician holding an ex-



alted office who descrives the title of philosopher. The New Yorkers who have ofticial influence are coming to admire him more, not only on account of his tact and unfailing courtesy. but because he has succeeded in building up a personal following of the very ADLALOW HIS FARM. existence of

which few persons are aware, and which has been won so quietly that no as have been made at the same time. Mr. Stevenson is truly a phenomenon to New Yorkers. Those who follow the trend of political Revelopment are really assumed at the ability of the man as a political tacticion. He has succeeded in withdrawing himself almost entirely from the public grazh. He never says a word on public affairs, except in the most general way. As an example of the quiet way in which he plays the game of politics may be mentioned that, in spite of the fact that the leading democratic polidistant are in a movement to make him a presidential candidate in time, the first nutherized imitation of the fact

In Tammuny circles an interesting story is being retailed of the way in which this matter is being regarded by some slight differences with the vice president on the money question, and the relations between them have never been cordial. The Tanamany men, is now making 30 3 having made Mr. Stevenson vice president, are naturally disposed to lock dent he mentioned that Mr. Stevenson Thought it hast to treat the silver amestion from a liberal point of view. president was not the administration. Mr. Croker then said, with a smile, that Stevenson was the next thing to The mention of the possibility thus involved seemed very annoying to Mr. Cleveland, and, on the whole, was a faux pas on Croker's part.

Plower's Chances



ernorship of the an intention of verse in Tamma-ny ball, and improbable as it

Assemed, recent events appear to have imperted some | means to try to refute. show of plausibility to it. It would seem that reflection has convinced the Paramany men that Plewer's not as promising a candidate as ne was thought to be. It is likely that the governor will not be renominated un-



When Baby was sick, we gave her Castova When she was a Child, she cried for Castoria. When she became Miss, she clung to Castoria When she had Children, she gave them Casteria

Tess it is absolutely necessary to do so. The statement that Mrs. Cleveland Rill, however, has been brought to see that membership in the senate is not paratory to make the dvancing his presidential chances ing a trip to as much as it might. Indeed, Europe, with a view of improv- assertion that membership in the sening her own ate of the United States is always fahealth by the tal to presidential aspirations. But seean voyage, is were he elected governor of New York state this fall, his awailability in 1896 parently, of the | would be immensely increased, for the governor of New York state at the time tions she has re- the national convention meets is alcoived to that ways a possibility at the very least. fascination for the patriot poet. That effect, but which | But were Hill to allow some other democrat to get the nomination for goverdecided nor, and were that nominee to be shall de- elected, such a condition of things hardly likely self. The Tammany men have even that the wife of gone so far as to say that Hill, unless that the wife of It is might prove very embarrassing to himthe chief magis- himself nominated, will be very lukewarm in the state campaign, and would like the republican candidate to win, so as to have no rival next leap year. His prophecies of democratic defeat as a result of the income tax are declared to be in line with the subtle design he has thus formed. No wonder the demhas ever been. She does not seem ocrats are watching hill very closely willing to allow the humblest offices just now. "If Hill is not nominated just now. "If Hill is not nominated for governor the democrats will have a hard fight," said Croker, himself, recently, according to late Tammany gos

A Gould Library. The Goulds are credited with an in-

tention to present New York city with a library that Astor affair in

magnificence When the gift will be made no will be made to the cone seems to know, but the design of making the municipality the gift is

ASTOR LIBRARY. tion now being striven for by the Goulds. They wish to rank with the powers that be in the city precisely as the Astors and the Vanderbilts have tion determined upon as long ago as

The Goulds are certainly spending their money with unexampled liberality at the present time. They are living up to every cent of their fabulous income, but, of course, are careful enough not to go beyond it. When the season opens in the autumn they will have as guests in New York some of the best-known people in the aristocracy of Great Britain, The intention of abandoning New York as a place of residence has about been given up, or rather it will not be adhered to longer than the present heated term's continuance. Precisely what has inspired the sudden eagerness of the Goulds to become nabobs in fact as well as in wealth no one appears to know, but that they are beginning to make a breach in the Vanderbilt and Astor citadels abroad there can be no manner of doubt.

The Vanderbilts are declared to be on the part of the Goulds, and England has been witnessing something in the way of expenditure this season in view of the social competition of these Amertean millionaires that is proving a pos-

itive source of wonder. Those interested in such things are speculating as to whether the Goulds or the Vanderbilts will capture the most aristocrats for the coming social tenson in New York.

Croker's Inevitable Money. Probably no fortune in America has

popularly suposed to be in n But its history
will be given an
entirely new
course by the
preparations
which its owner
ta now make

to show that it THE CROKER RICELS. does not exist. The ex-boss upon him as a bright specimen. In Tammany is getting ready to go before any investigating committee that comes reached a limit for the present at least, to modify an interior on this account. glong and show that he is worth, at sand dollars. That he is worth one ied. million dollars is a thing he expects to disprove in a most convincing manner. make a full statement of his assets and is a ridiculously small sum in comparison with the riches he has been al-

loged to have amassed. This is highly important news to the men in Tammany, and, from all ac-There have been some really start- counts, Mr. Croker will have no diffiling remore in connection with the governely in establishing all that he sets state of New Lexow committee in the autumn, or York recently, whenever it reconvenes, it is asserted. It is said that and there deny that he is a rich man, David R. Hill has and defy anyone living to prove the netually formed contrary. This is certainly a bold step for the man who has ruled the city so long to take. He will show that his means consist of real estate which is This assorance | encumbered for more than half its valwas given out at | ne, and that he has no investments in a recent confer- stocks or bonds whatever. As for the horses he has been alleged to own and to reap a considerable profit from, they do not belong to him at all, with two exceptions. Even the assertion that he closed the New York postrooms he

Of course, the antagonists of Croker prevent it, and the coming cool season will show the most interesting investigations into a New Yorker's wealth the has ever had the opportunity of DAVID WECHSLER.

children, Mrs. Kelly?

Mrs. Kelly-I how two livin' an' wan married.-Boston Home Journal.

He-"Well, for my purt, I like a picture that tells a story. Witherby's portrait ought to suit you then. It makes her positively hand-

LIGHT WILL FLOAT rupted by a magnetic field exterior to the evacuated space. In fact, the whole problem of light

Tasla Speaks of a Great Discovery in Electricity.

We Will Have Light, Not Lights-The Luminant Will Stream in Floods from Walls and Doors and Ceilings, with Chandeliers Discarded.

AIL, HOLY light," are the words with which Milton begins his invocation to the offspring of heaven first born," and, perhaps because he was

theme always possessed an awesome was a wonderful piece of prophecy on his part when he declared that light would yet prove "an undiscovered country wherein beauty's citadel rears high embattlements." but not until these century-end days of marvels has even the dream of its fulfillment come For at this very moment we are on the eve of a revolution in electrical science that seems destined to make of light not beauty's citadel merely, but the be-stower of beauty itself. Without light, beauty would cease to be evident. No wonder, then, that light has become the Nile of physics, with scientists seeking night and day for its ultimate source. The secret seems to have been learned at tast, and science is now the land of the unsetting sun.

Imagine an ever-playing fountain of light, or a century plant in unending | not merely a means of seeing at night. bloom, of which the petals are sheafs It will become the great source of of light. There is no graceful dream | beauty in streets and homes. Heretotoo extravagant in this respect for fore the difficulty of getting both light realization now. The chandlier, the globe, the bulb, the painful mechan-ism which has made the connection light that will not merely be beautiful of light and machinery so unnesthetically obvious heretofore-all are beautiful." destined to be swept away. Light in the next century will well impalpably this? out of walls. It will stream from Mr. brackets or from picture frames, none divining whence it comes, like the perfumes of Lucullan banquets.

Nicola Tesla's eyes glowed as he far as being visible is concerned, un predicted the results of the discovery less some special effect were sought that has been made. Then they were In a great hall, for instance, the light dimmed by a passing regret as a new thought came. "The one impediment," he said, "is

cost. That problem will be solved yet -perhaps in three months, perhaps not in as many years. The existing waste in electric light is barbarous-barbarous. Ninety per cent of the material employed goes for nothing. But when we have settled the question of cost, the new era will dawn. Light will become really a great transforming factor



A BALL-BOOM WITH THE NEW LIGHT.

in civilization. It will then be no. only day, but a glorious, beautiful appearance of the streets of our great

It may be mentioned at this point that to D. McFarlan Moore, the Ameri- will be the absence of sharply defined can electrician, who has done as much shadows that detract so much from the to popularize the use of electric light advantages of the present lights. We es any living man probably, belongs been more talked about than the one | the credit of having first called the attention of scientists to the impending phorescent electric light so closely rechange. Tesls has indeed been experi- sembles the light of day that the commenting for years, and long ago indi- ing era will practically be one of uncated the lines along which the trans- broken day. formation would be wrought. Mr. Moore, however, demonstrated why the in great edifices will be a very conspicnear future will witness the commer- nous consequence of the reform. cial adoption of the transmission of spite of the artistic nature of the canlight through tubes, and that electricity is to be the agent of this consum- into the more pretentious structures, mation. It is declared by scientists they are a serious drawback to the that while the conversion of heat into smitcliness of some forms of Gothic and power and power again into the current Greek architecture, and as architects known as electricity, seems to have well know, it is frequently necessary the matter of producing light from But nothing can be conceived more mathe utmost, about one hundred thou- electricity has hardly begun to be stud-

The incandescent lamp is admittedly tion of the new method. No globes, the illuminant of to-day. In spite of It is asserted in his behalf that he can its conceded advantages, however, the scientific world has come to look upon liabilities, showing that his net worth | it as a crude contrivance for reasons apart from the humiliating circumstance that to extract five per cent. of light, ninety-five per cent of the constituent elements goes to utter waste. Therefore, in spite of the practical elimination of the factors of heat and odor from the problem of dispelling out to establish. He will go before the darkness, scientists have for years been at work in an endeavor not so much to coveries already made.

Now, what is known as phosphorescent, or glow lighting, has come to be does come there will be a great fortune recognized as the source of untold mil- for somebody to enjoy. lions to the capitalist who can first reduce it to a marketable commodity in the cities of the world. So far the great cost attending its utilization has stood in the way of any such enter-Now comes Mr. Moore who makes the assertion in Cassier's Magazine that electric sparks rapidly sacceeding one another in a vacuum are the key to the whole treasure house This fact is shown by means of an ingenious contrivance now familiar will not let him do all this if they can to most electricians, in which the current of electricity is repeatedly broken by rapid vibrations. The ribrations produce a corresponding very hot weather the temperature of number of sparks which act upon the the tree stays at fifteen degrees centi-Justice O'Halleran—Have you any affected in precisely this manner, therefore older in hot weather and with the result that the whole hells warmer in old weather than air.—Leafwith the result that the whole bulb gives forth light. Such electricians as Nicola Tesia and McParian Moore would not put the condition of things into such simple words. Mr. Moore, i deed, saying, and very scientifically, no doubt, that the whole thing is the result of the current being rapidly dis- leap) cars unless divisible by four hun- vorite camp songs, and let the music

CAMP SQUAW POINT

vibrations. Its solution, as stated, has Ladies' Camp at Croton-on-the-Hudson in Full Swing.

> How They Decorate Their Tents - High Jinks in the Evening-Camp Fires and Gay Dances-Ladies Make Excellent Canocists.,

> > [COPYRIGHT, 1994.]

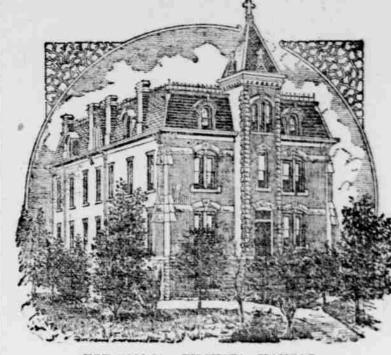
"Squaw Point" is the dignified and high-sounding appellation given to dadies' quarters at the cance camp. No matter whether the land slope to a point or not: every year the quarters ussigned to them are so designated. This summer the title is not a misnomer. The camp of the American Canoe association has comfortably settled itself at Croton point, on the Hud son, just above that historic spot, the Tappan Zee, and will hold its sessions for two weeks, breaking up on the 28th of this month. The main camp lies right in the center of the west coast of "Point," and Squaw point is situ ated immediately south, so close, in-deed, that one looks for the dividing line between the quarters for each sex It must be that the ladies find it difficult to keep house, without the assistance of the sturdy males, and so have crept up to them as close as they dared.

And yet a little observation of them doesn't seem to prove the fact. Each girl runs her little household quite independently. Almost each one brings her own tent and starts in for herself. Occasionally two girls will tent together, but this is rare. Her housekeeping arrangements are not very elaborate; as there is but little cooking done by the individual. Almost everyone par takes of the general mess, supplied to each for so much a day. Sometimes a girl will get up a little afternoon tea and invite a few of her dearest friends

The tents of the ladies look very prettv. Each one has managed to bring with her a few pletures, searfs and lan-terns, and the ladies' quarters are the brightest spot in the camp. American flags, as well as the flags of the association, play a prominent part in the deco-

One wonders at first why the girls go to the meet at all, since their names do not appear on the official programme,





FOR 1893-94. WICHITA, KANSAS.

This Academy, established in 1807, processes every advantage that parents can desire for general in provement of their enlarge. The alte waitractive, and, as experience has proceed, most advantageous for the promotion, post health. The grounds are near and specious, affording means for the subsymmet of

In tigorating exervise.

The Sisters of Charity of the B. V. M., being especially devoted to the instruction of youth spare no pains to win the heart to wirfue, and they impart to their pupils a solid and collined scholarship. With a vicilant and immediate superintendance, they provide for the want and coinforts of the children intrusted to their care.

Statics will be resumed the first Menday in September.

For further parties are apply to the

All Hellows Academy, Whelife, Kansas,

It is a free, easy, independent life; and they all enjoy getting away from the decorum and restraint of city life. Each girl is serenely conscious of the fact that she may have four admirers continually at her side, and still be taking no more than her right; for the proportion of male to female at that amp is no less than four to one. All ladies, of course, are only associ-

ate members of the association. They

blend It with the eracking or the Should he wish to move away and take with him the lumber composing the improvements he has made, he can simply draw out the screws and take the planks. If he fastens them with nails the improvements become the landlord's property.

Will Ter It Again.

A Georgia couple have been remarried after being divorced twenty-eight years at the home of a daughter who never saw her father till the day of the

ORIGIN OF THE DIAMOND.

Scientific Theories Accounting for the Formaties of the Freclors Stone.

As usual upon disputed points, speculation has been busy about the origin of the diamond, and a large number of theories, all more or less probable, have been propounded to set the matter at reat. The two most reasonable expositions are, perhaps, the explanations put forward by M. Parrot and Baros Liebig. The former scientist, who has laboriously investigated the perplexing subject, is of the opinion that the diamond arises from the eperation of vielent volcanic heat on small particles of carbon contained in the rock, or on a sub-tance composed of a large proportion of carbon and a smaller quantity of hodrogen. By this theory, as he conceives, we are kest able to account for the crucks and flaws so often noticed in the gem, and the frequent occurrence of included particles of black carbonneeous matter.

Baron Liebig, on the other hand, dains the credit of offering a simple explanation of the probable process which actually takes place in the formation of the diamond. His contention that science can point to no procespable of accounting for the origin and production of diamonds, except the powers of decay. If we suppose decay to proceed in a liquid containing car bon and hydrogen, then a cor

A Valouble Massacrint.

The pope lately presented to the entfour library what may be regarded on script given by the calebrated I'm Gioknown in history as the "Magnifleent." Vaszri, in his life of Fra Glocondo, Politan makes mention of this book for his "binggeliane," and describes the author as "the most loarned man of the old days." This work had been lost for a long time, and its recovery now is looked upon as fortunate. The names of Fra Giocondo crops up from time to time to the more recordite studies of the Italian Rensissance-that period when learning, science and art made such immense strides in the highest degree of excellence. He was known as a man of great hearthur, and he sometimes compared with that most remarkable scholar and marrelous artist Lee Buttista Alberti.

There are odd finds in the plant and

Wilkesburre at once. The little Paterson, N. J., the prickly pear grows in almindance-probably the only is stance of its extensive appearance as a at once left for Wilkesbarre, where he wild plant in this part of the country; fully established his claim. He said he nithough small and scattered plants are found in Bronz Park, bulying all the traditions of eactus growth rooting among the rich grass of the meadows. In May ridge and on the rim of Prompect park reservoir, Recolelyn, the shanrock grows wild. true sharmosk, by the live, is held to be the hopelover or yellow clover, trifelium agrarfum, that is in blossom every where about just now.

It is said that so much farm land in England has lately been allowed to happe from cultivation that wild animale which ten pears ago were is danger of extinction are now flourishing and increasing. The badger and the otter, for instance, are reported to be thriving greatly on agricultural depression.

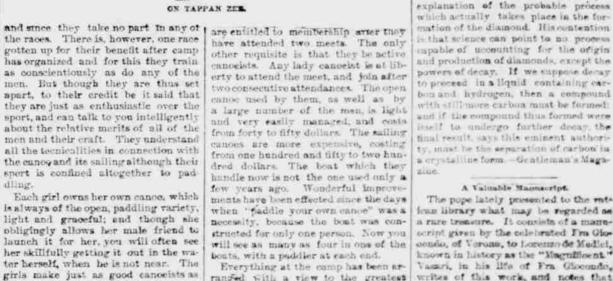
- Of the whole number of families to this country, 1:63 per cent, comprise only one person That ger out from two to six, 30.57 per cent. from seven to ten, and Lill per cent. eleves or

EOPLE

"THE MORE YOU SAY THE L"

REMEMBER." ONE WORD

SAPOLIO



men, as the secretary of the associacomfort for all concerned. tion, Mr. George P. Donglass, assured Had the Broken Fingers. me. "Why," said he: "I had been giving one girl a little assistance, as they were spreparing to start in their

And I determined to keep along with them, in my own canne, to see the finish. I began to paddle rather leisurely, but pretty soon found that I was losing ground; then I began to work a little harder, and soon found it required all my skill to keep up with them. It was easier toward the end; for they began to weaken. Of course the heavy canoe I was in, and the short paddle I used, put me back consideridentified by two broken fingers. able: but under any circumstances I should have had to work hard." daughter of John Glennon read the notice in an Eimira paper, and the father

In the day time, when the races are on and there is plenty of hard work, the men look over toward Squaw point with something of condescension and a little compassion for the poor girls that are out of it. But after the third mess of the day-and the jolliest onethey are glad enough to creep over to ward those attractive tents, and stretch themselves comfortably before the hospitable open doors. But that isn't the only thing the camp does in the evening. The first or second day, the musical spirits, male and female, get tween Brooklyn and Flatbush. It is together and the chorus is immediately made up. Two or three three are ininstriously spent in training; and delightful music for the next two weeks is the result. Besides the tents, there are two other buildings that for the mess, small, and used for no other pur pose except on rainy days, when they will gather in it, and a large, open. dancing platform, were you will see at least four nights out of the fourteen or of the trees sometimes differs from the fifteen spent there, a guy, impromptu dance, with gay music furnished by the camp exclusive. It is all the prettier. because the stars look right down on st-there is no roof-and because cosbemes are so simple and commertable. A number of the girls do not bother with dress, wearing a white or titue canceing dress, and bringing, perhaps,

one or two others for evenings and swell afternoon calls upon each other. Then there are the famous camp fires, unanimously proclaimed the heat fun of all, when they gather around The total income all his Course of the great cheerful biase, and a story is England is about one million dollars a started at the head and carried around the groups or each man tells his fun-"Exp of the century" years are not niest story; or they take up the fa-

ON TAPPAN ZEE the races. There is, however, one race gotten up for their benefit after camp has organized and for this they train as conscientiously as do any of the men. But though they are thus set apart, to their credit be it said that they are just as enthusiastic over the sport, and can talk to you intelligently about the relative merits of all of the men and their craft. They understand all the tecnicalities in connection with the canon and its salling although their spert is confined altogether to pad-Each girl owns her own cance, which is always of the open, paddling variety. light and graceful; and though she ligingly allows her male friend to

ranged with a view to the greatest writes of this work, and notes that

Until a few days ago John Glennon, of Geneva, N. Y., was a day laborer with a big family on his hands. Now he is about to come into possession of \$20,000. Some months ago Lawrence Hennon died suddenly in Wilkesbarre, Pa., leaving an estate valued at the above named sum. There was no will and Glennon had said that he had no living relatives. His only brother he thought had been killed on the railroad twenty years ago. If, however, he should be still alive be could be administrator of the estate seed the advertisling columns of the newspapers freely, and John Glennon, with two flower line for people who look for odfingers broken, was requested to come dities. On the top of Garret rock, in

always understood his brother lived in Dog Farm Near New York.

A queer enough place is the dog farm hidden in a hollow of Crow Hill, beperhaps half an acre in extent, and is owned and managed by an elderly Englishman and his wife. This comple occupy the smallest and stuffest of board shantles and they live surrounded by a mass of dogs-big dogs, little dogs, good dogs, had dogs, one-eyed and two-eyed dogs, Newfoundlands, St. Bernards, collies, terriera, spaniels and plain dogs. The surrounding region is of bare hill, with slimy pools in the penches of land. There are snakes, cathriars and smells; but the dogs seem to enjoy it, and their loud chorus tan be heard afar when an infrequent stranger stumbles into the neighbor-

Leeful Hints for Tenants.

Additions to rented premises, when made by the tenant, should never be fastened with nalls, but with screws | more